

Amendment  
Serial No. 09/773,156

Docket No. PHNL000031

**REMARKS**

Entry of this Amendment, reconsideration and withdrawal of all grounds of rejection, and allowance of the pending claims are respectfully requested in light of the amendments made to the claims and the remarks made herein.

Claims 1-12 are pending and stand rejected.

Claims 1-12 have been amended. No new matter has been added.

Claims 1-12 stand rejected under 35 USC 102(b) as being anticipated by Yonemitsu (USP No. 5,485,279).

Applicant respectfully disagrees with, and explicitly traverses, the examiner's reason for rejecting the claims.

Yonemitsu, as read by applicant, teaches an encoding system for producing a low resolution signal from a higher resolution signal. Yonemitsu further teaches a decoding system to process the signals produced by the encoder. With regard to the encoding system, Yonemitsu teaches a full-resolution encoding unit 101 for encoding an HDTV signal into well-known 8x8 blocks and a quarter-resolution image forming unit 103 that selects 4x4 DC coefficients from the upper left-hand corner of the 8x8 coefficients of each block, i.e., lower-resolution. This operation is shown in Figures 14, 16, 18 and 20; Figure 20 is referred to by the examiner in the instant Office Action.

As shown in Figure 14, a one-quarter resolution image is formed from a current image, which is reduced in resolution (117) and a prior image (111,112) that is stored in a full-resolution memory. With reference to Figure 16, the one-quarter image resolution is stored in a  $\frac{1}{4}$  resolution memory 121. In this embodiment, a full-resolution image from a prior image is used to produce a lower-resolution image (111,112) and a difference between this lower resolution image and the stored lower resolution image is selectively applied to a current lower resolution image to produce a current  $\frac{1}{4}$  resolution image. Similar operation is shown in Figures 18 and 20. Thus, Yonemitsu teaches the dynamic reduction of a high resolution image and a prior stored lower resolution image to obtain a current lower resolution image.

A claim is anticipated only if each and every element recited therein is expressly or inherently described in a single prior art reference. Yonemitsu cannot be said to anticipate the present invention because Yonemitsu fails to disclose each and every

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element recited. Yonemitsu fails to disclose "storing said two reference images with the second resolution in said memory," as is recited in the claim.

Having shown that Yonemitsu fails to disclose each and every element claimed, applicant submits that the reason for the examiner's rejection of the claim has been overcome and can no longer be sustained. Applicant respectfully requests reconsideration, withdrawal of the rejection and allowance of the claim.

With regard to claims 2-5, these claims ultimately depend from claim 1, which has been shown to be patently distinguishable and allowable over the reference cited. Accordingly, claims 2-5 are also allowable by virtue of their dependency upon an allowable base claim.

With regard to independent claim 6, this claim recites subject matter similar to that recited in claim 1 in "storing said two reference images with the second resolution in said memory." Accordingly, applicant's remarks made with regard to claim 1 are appropriate, and repeated, in response to the examiner's rejection of this claim. Accordingly, Claim 6 is also patently distinguishable from, and allowable over, the device disclosed by Yonemitsu.

Having distinguished applicant's invention of claim 6 from the reference cited, applicant submits that the basis for the examiner's rejection can no longer be sustained. Applicant respectfully requests that the rejection be withdrawn and claim 6 be allowed.

With regard to claims 7-10, these claims depend from independent claim 6, which has been shown to be allowable in view of the cited reference. Accordingly, claims 7-10 are also allowable by virtue of their dependence from an allowable base claim.

With regard to claims 11 and 12, these claims recite subject matter similar to that recited in claims 1 and 6 in "storing said two reference images with the second resolution in said memory." Accordingly, applicant's remarks made with regard to claims 1 and 6 are appropriate, and repeated, in response to the examiner's rejection of these claims. Hence, for the same reasons recited with regard to claim 1 and 6, claims 11 and

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12 are also patently distinguishable from, and allowable over, the device disclosed by Yonemitsu.

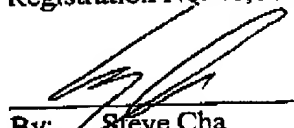
Having distinguished applicant's invention of claims 11 and 12 from the cited reference, applicant submits that the basis for the examiner's rejection can no longer be sustained. Applicant respectfully requests that the rejection be withdrawn and claims 11 and 12 be allowed.

Applicant, furthermore, would note that the claims, herein, were amended to correct errors in form and not to overcome the reference cited. Accordingly, the amendments made are not related to patentability and do not alter or limit the substance of the subject matter claimed.

For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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